

INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/10360

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C23C16/04 C23C16/30 B29C59/10 F16L11/12 B05D7/22  
B05D7/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C23C F16L B29C B05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 531 060 A (FAYET PIERRE ET AL) 2 July 1996 (1996-07-02) the whole document	1-4
A	US 4 692 347 A (YASUDA HIROTSUGA K) 8 September 1987 (1987-09-08) figure 1	5-8
A	WO 01 05020 A (TOKYO ELECTRON LTD ; JOHNSON WAYNE L (US); WEST LEONARD G (US)) 18 January 2001 (2001-01-18) page 19, line 17-22; figure 5	5-8
A	GB 2 264 617 A (ATOMIC ENERGY AUTHORITY UK) 1 September 1993 (1993-09-01) the whole document	5-8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&\* document member of the same patent family

Date of the actual completion of the international search

3 March 2004

Date of mailing of the international search report

09/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Castagné, C

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 745 149 B (NEOMECS INC) 4 December 1996 (1996-12-04) the whole document ----	5-8
A	DE 31 16 026 A (FRAUNHOFER GES FORSCHUNG) 18 November 1982 (1982-11-18) the whole document ----	1-8
A	US 4 488 954 A (KOBAYASHI HIROAKI ET AL) 18 December 1984 (1984-12-18) the whole document -----	5-8

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/10360

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5531060	A	02-07-1996	CH 687601 A5 DE 19502103 A1 JP 7257584 A	15-01-1997 10-08-1995 09-10-1995
US 4692347	A	08-09-1987	NONE	
WO 0105020	A	18-01-2001	CN 1365534 T EP 1203441 A1 JP 2003509837 T TW 494708 B WO 0105020 A1 US 2002125223 A1	21-08-2002 08-05-2002 11-03-2003 11-07-2002 18-01-2001 12-09-2002
GB 2264617	A	01-09-1993	NONE	
EP 0745149	B	04-12-1996	US 6022602 A AU 1734595 A DE 69502185 D1 DE 69502185 T2 EP 0745149 A1 AT 165400 T CA 2181915 A1 WO 9520688 A1	08-02-2000 15-08-1995 28-05-1998 19-11-1998 04-12-1996 15-05-1998 03-08-1995 03-08-1995
DE 3116026	A	18-11-1982	DE 3116026 A1	18-11-1982
US 4488954	A	18-12-1984	JP 58157829 A CA 1197810 A1 DE 3378359 D1 EP 0089124 A2	20-09-1983 10-12-1985 08-12-1988 21-09-1983